



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Saturday, September 22, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Today - Sunday

- Areas of heavy rain/flash flooding will likely continue through the afternoon hours in **SE OK East/Central TX** and spread into **AR** and **N LA** by this evening.
 - Widespread Flash Flood Watches have been issued for these regions.
- The threat slightly decreases and moves eastward by Sunday afternoon; focus area shifts more into the **Arklatex** and **AR**.
- River flooding will continue in **TX & S OK**.

Monday - Wednesday

- River flooding will continue in **TX** and **SE OK**, possibly in **AR** as well.
- No other significant weather is expected after **Monday**.

Tropical Outlook

- Tropical Depression Eleven is about 500 miles east of the **Windward Islands** and not moving very much. It is expected to dissipate in a day or two.
- **NHC** is monitoring three other areas of possible development in the **Atlantic**, see next slide for details.

FEMA Region 6 Threat Matrix

Sept 22, 2018 – Sept 26, 2018



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DAY / THREAT	SAT	SUN	MON	TUE	WED
Severe Storms					
Heavy Rain / Flash Flooding	SE OK & SAR into ETX & N LA	AR into the Arklatex	NE AR		
Fire Weather					
Tropical Weather					
River Flooding	STX OK, North/West TX	STX OK, North TX, AR	STX OK, North TX, AR	STX AR	STX AR

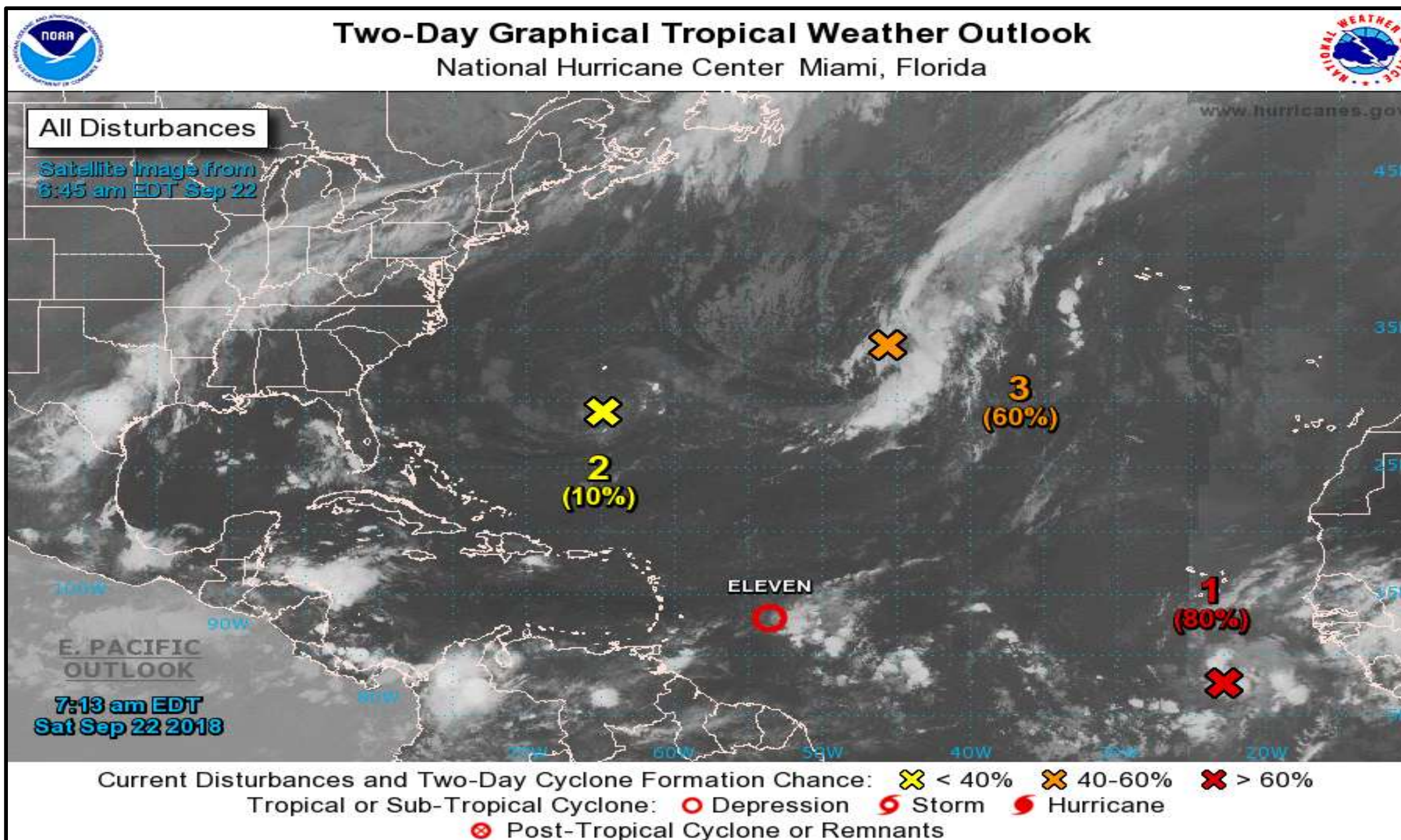
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Tropical Weather Outlook – Atlantic/Gulf



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Some slow development possible while it moves westward and then NW over the SW Atlantic Ocean. By the middle of next week, conditions should limit additional development as the system moves closer to the SE Coast of the U.S.

Formation chance through 48 hours...low...10%

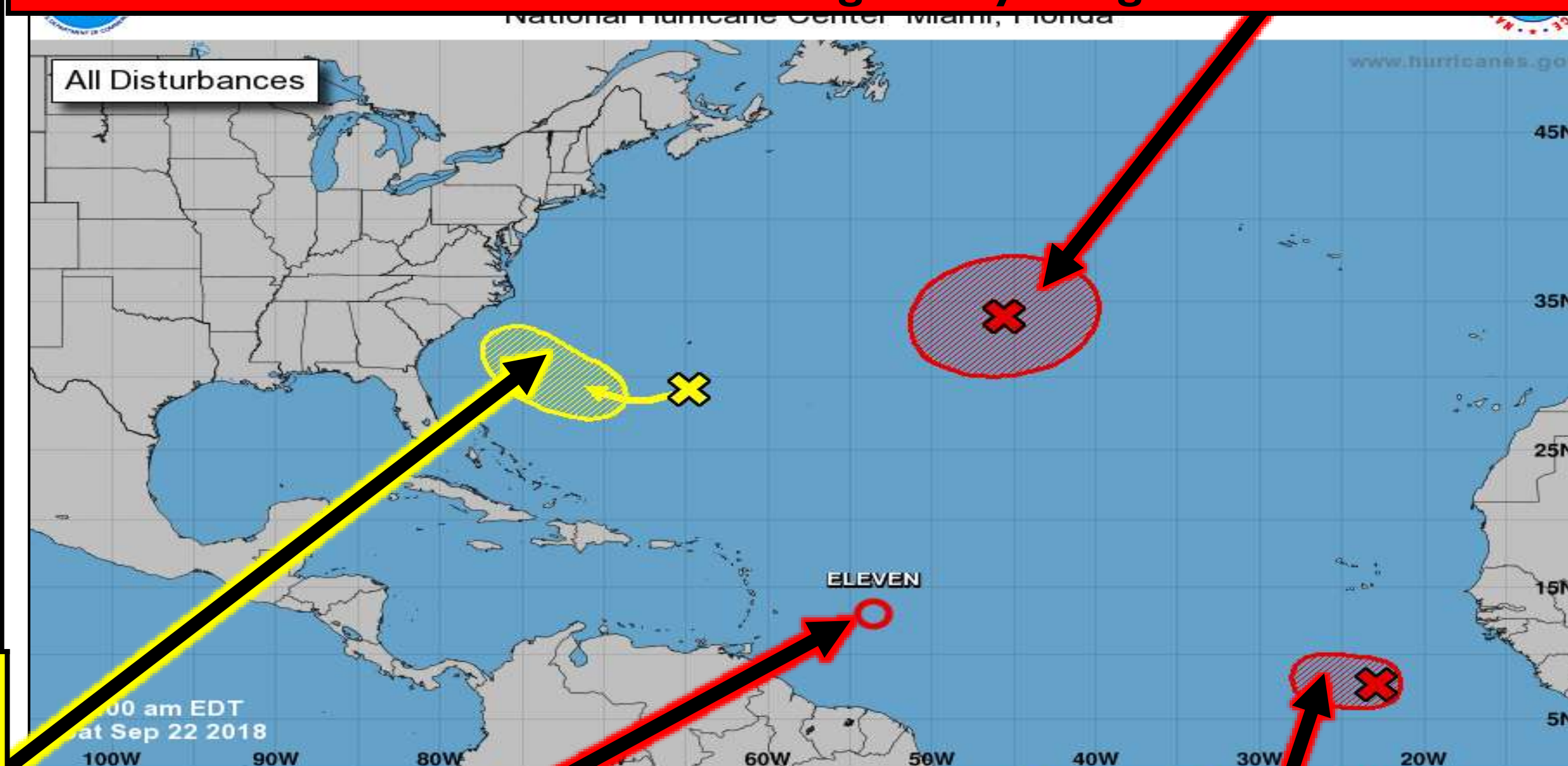
Formation chance through 5 days...low...30%

See next slide for information on Tropical Depression Eleven.

A subtropical or tropical cyclone is likely to form by early next week while this low meanders over the central Atlantic Ocean.

Formation chance through 48 hours...medium...60%

Formation chance through 5 days...high...70%



Shower and thunderstorm activity continues to become better organized near the center of a low pressure system, and a tropical depression appears to be forming. Advisories may begin later today.

Formation chance through 48 hours...high...80%

Formation chance through 5 days...high...80%

5-Day Precipitation Forecast & River Flood Status



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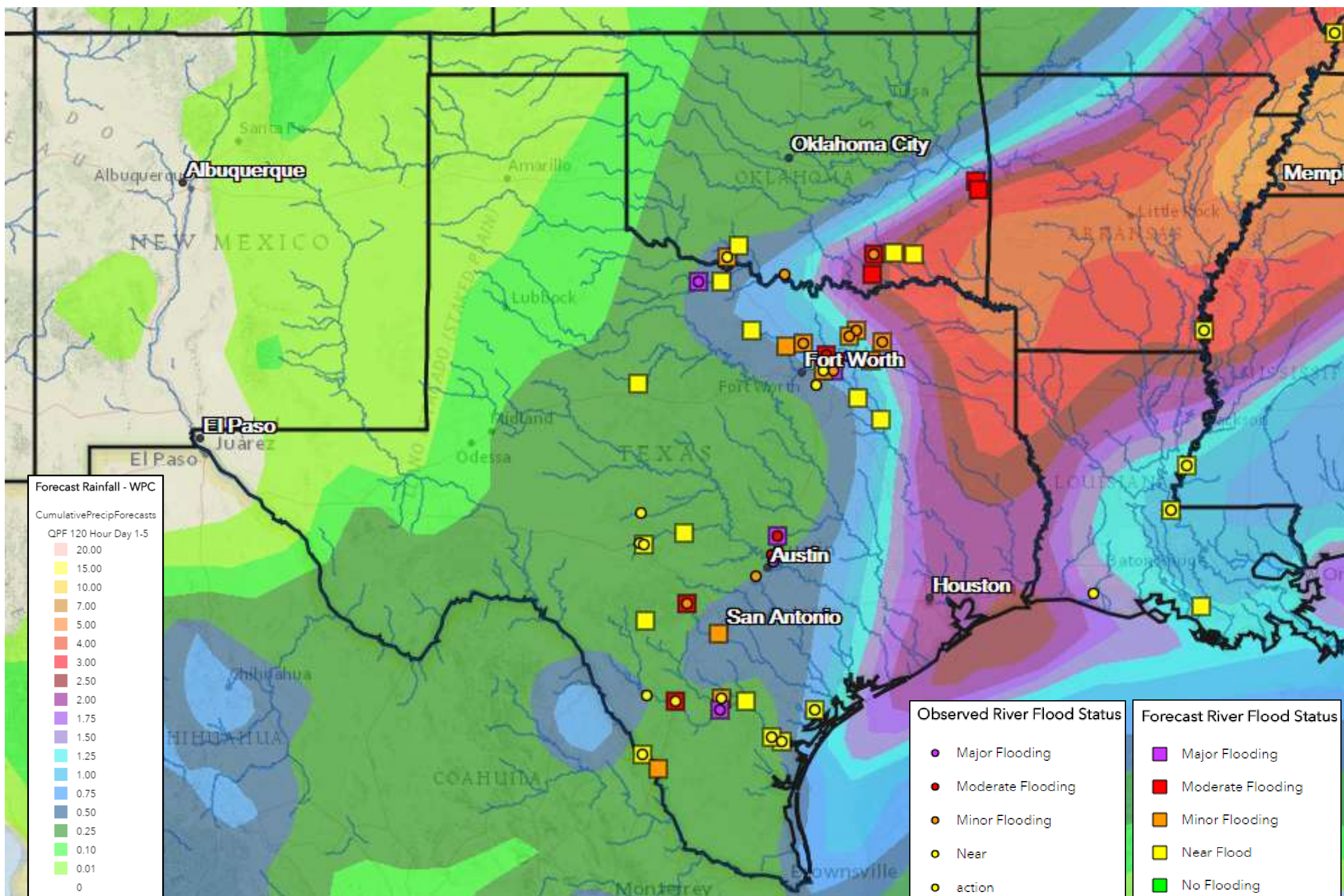
Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

The flood wave on the Nueces River continues to move downstream, and is providing inflow to Lake Corpus as the lake fills up.

There is a risk of new river flooding associated with the rainfall seen to the left today.

Moderate river flooding is expected at points in SE OK due to recent rainfall. Additional river flooding is likely today over SE OK with expected rainfall totals.

Minor to moderate river flooding is possible over AR today and Sunday with expected rainfall.

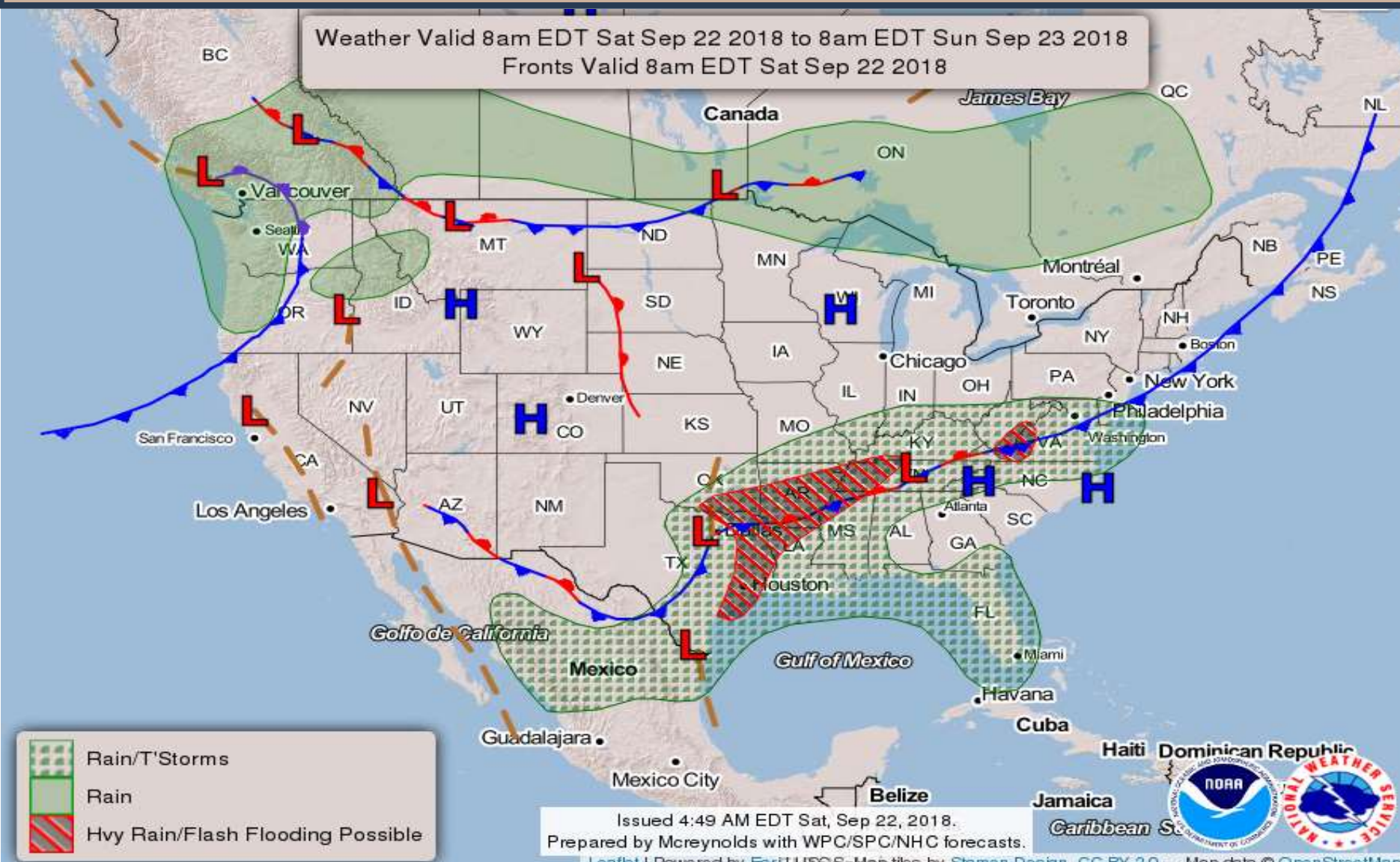


Today's Weather

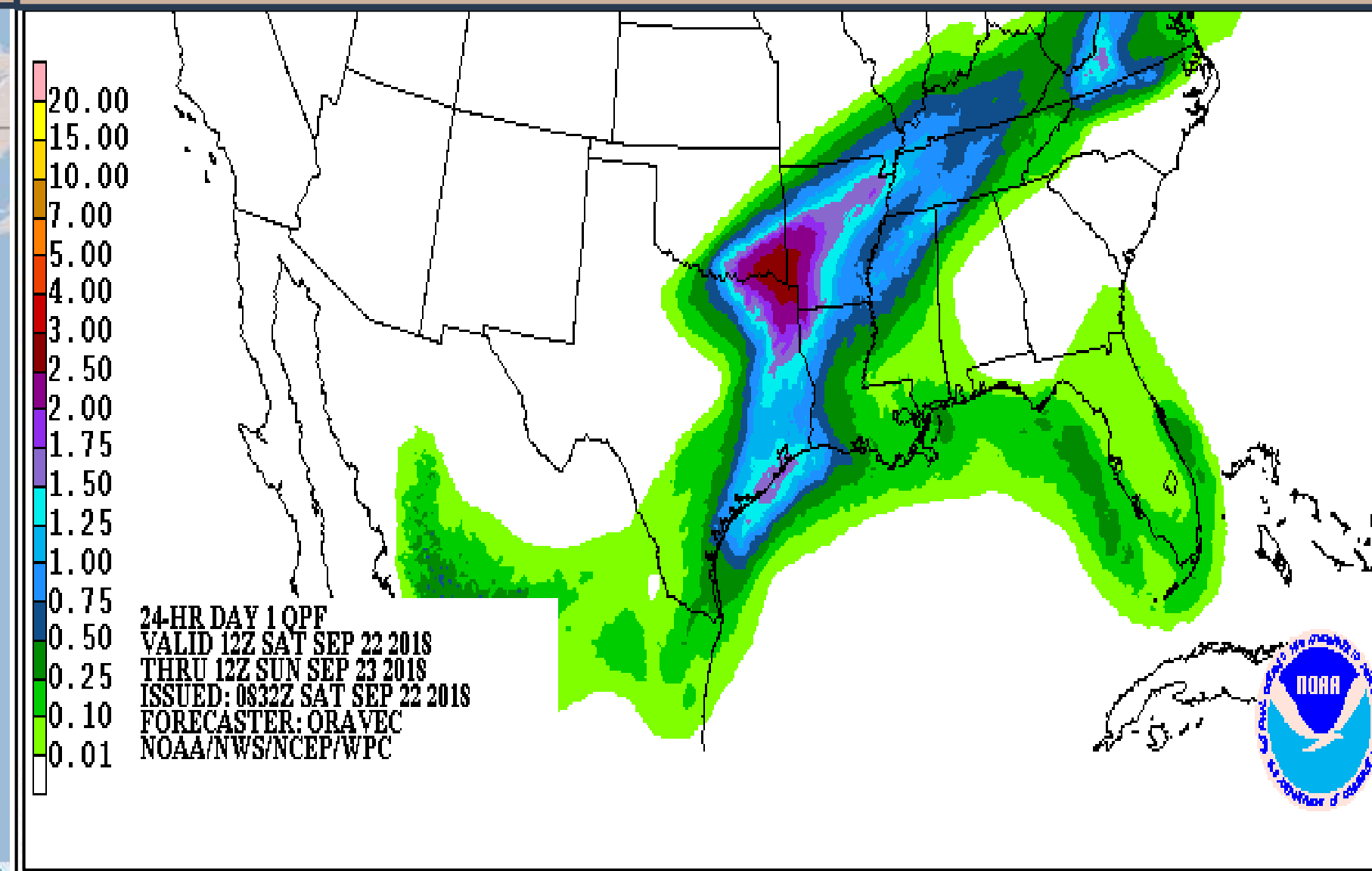


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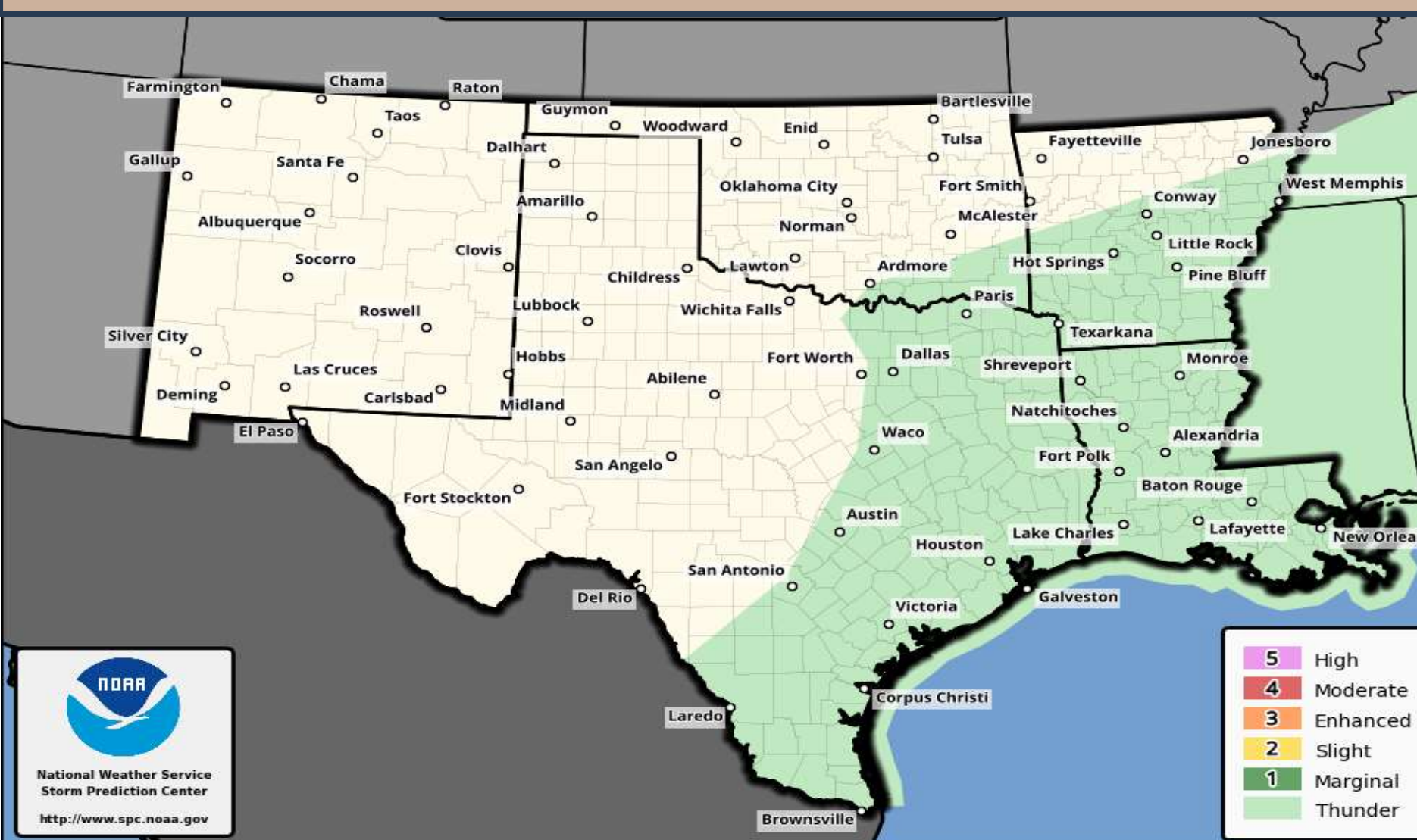
Forecast Chart



Forecast Rainfall



Severe Weather Outlook



Excessive Rainfall Outlook



Areas of heavy rain/flash flooding will likely continue through the afternoon hours in SE OK & E TX and spread into AR & N LA by this evening.

**River Flooding will continue
across N & STX**

**New river flooding has developed
in N TX from yesterday's rain.
Rowlette Creek near Sachse is in
major flood but expected to
quickly fall.**

The Elm Fork Trinity River near Carrollton is cresting this morning in Moderate flood; impacts to a golf course and park are expected.

Beaver Creek near Electra is in Record Flood; impacts to oil and gas facilities are expected.

Watches, Warnings, and Advisories



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Fire Weather



Graphic Created

Severe Weather & Flooding



Graphic Created

**Widespread Flash Flood
Watches in effect across S
OK, NE TX and most of AR.**

Strong & Gusty Winds



Graphic Created

Winter Weather



Graphic Created

Tomorrow's Weather



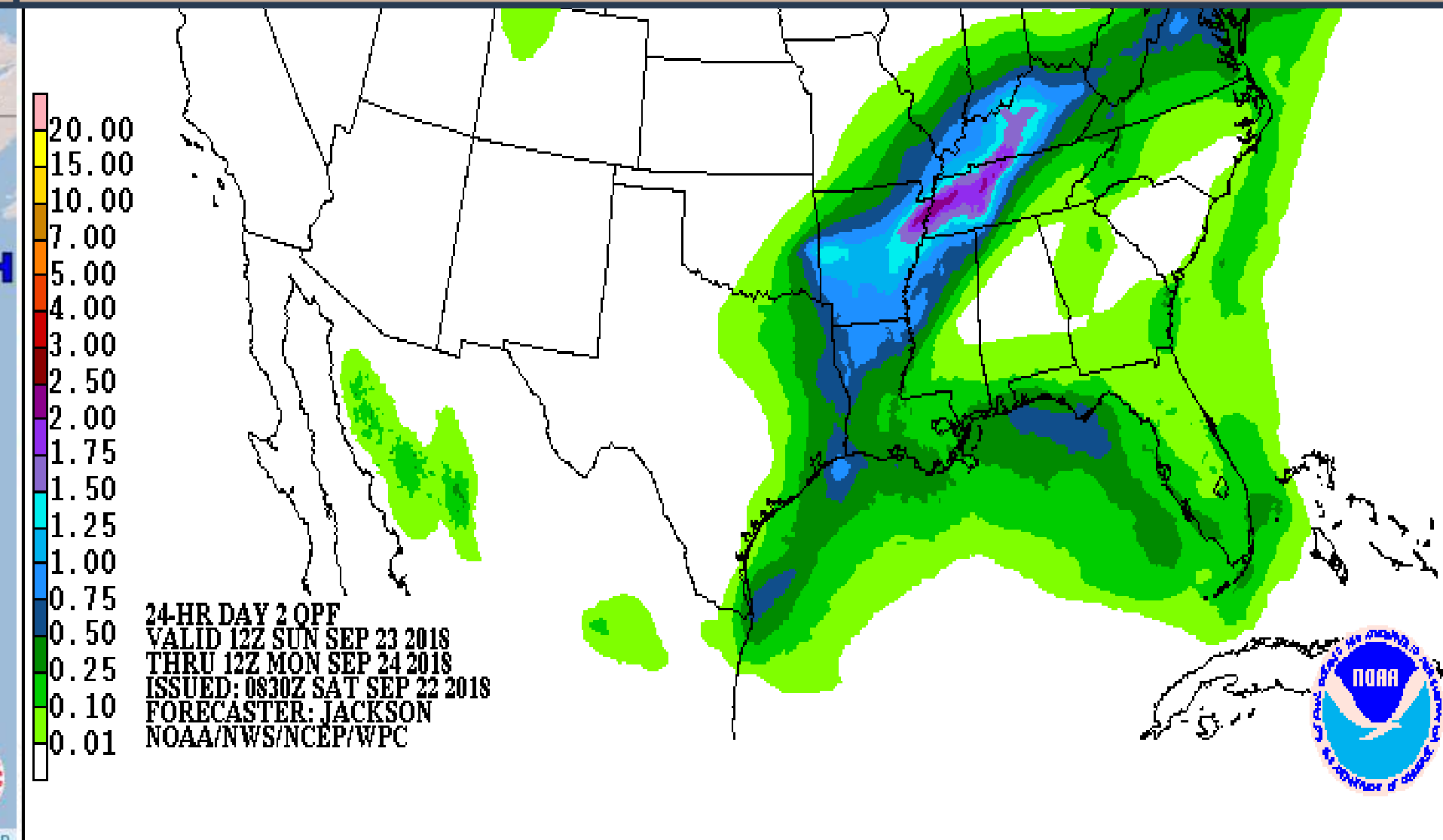
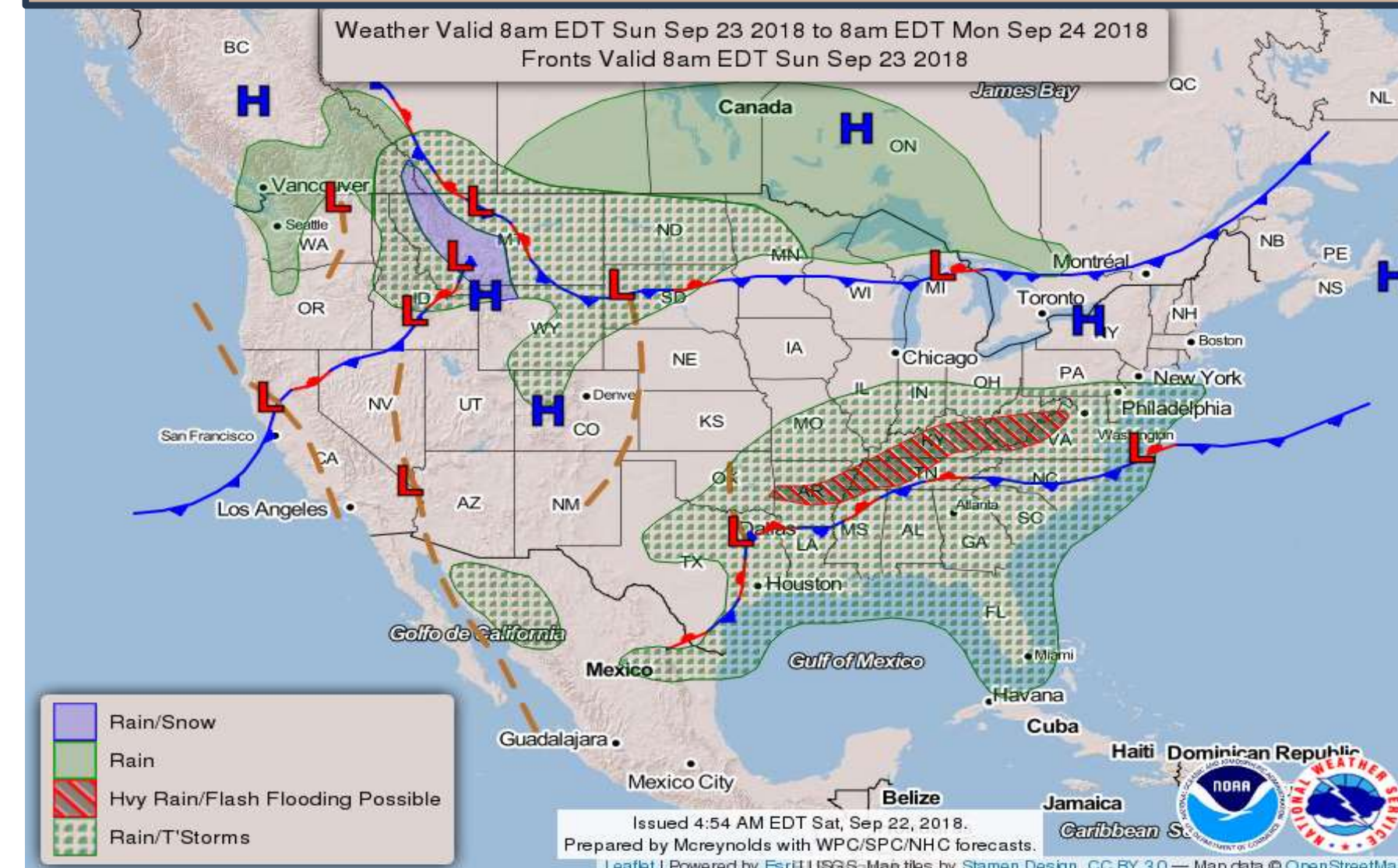
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Forecast Chart

Forecast Rainfall

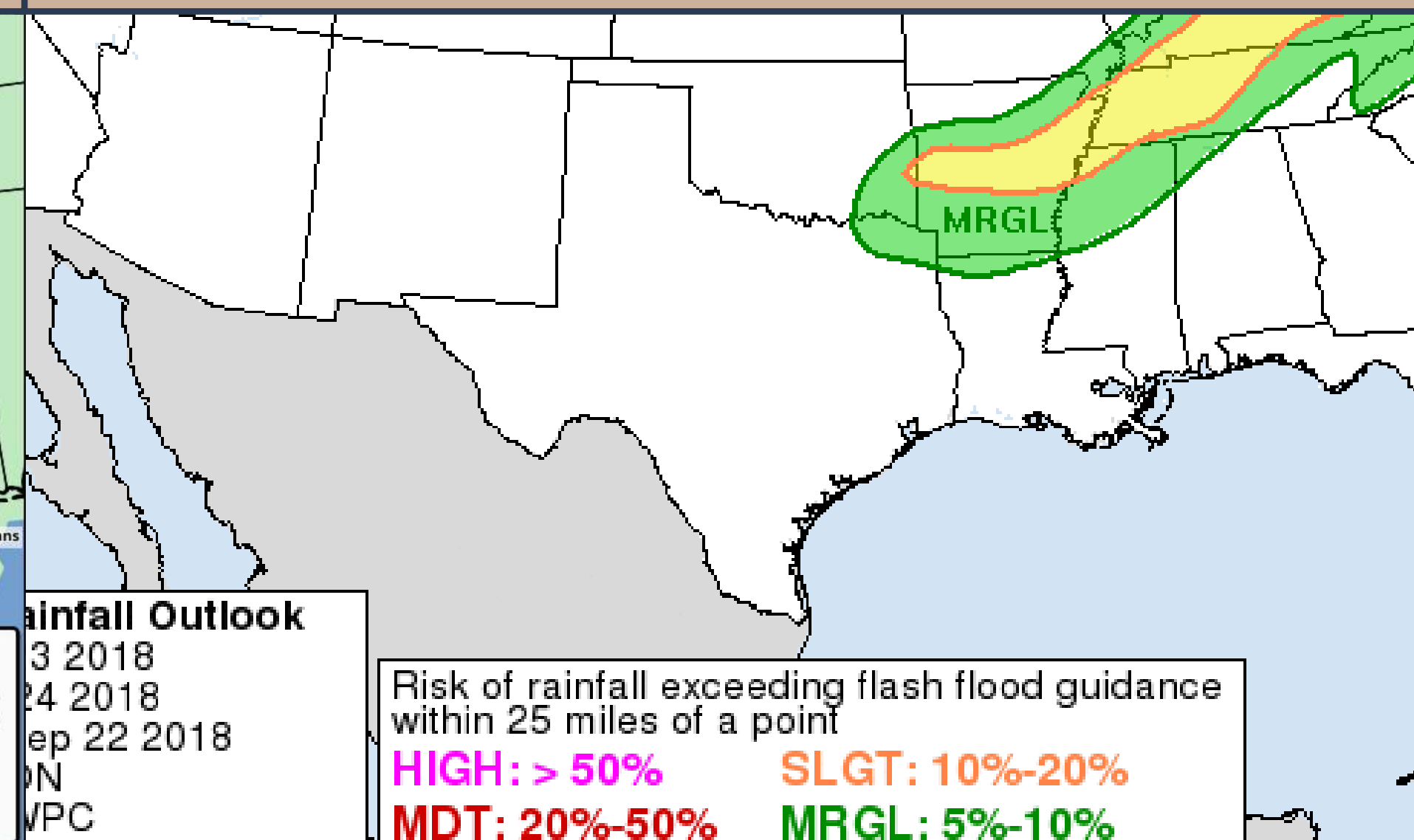
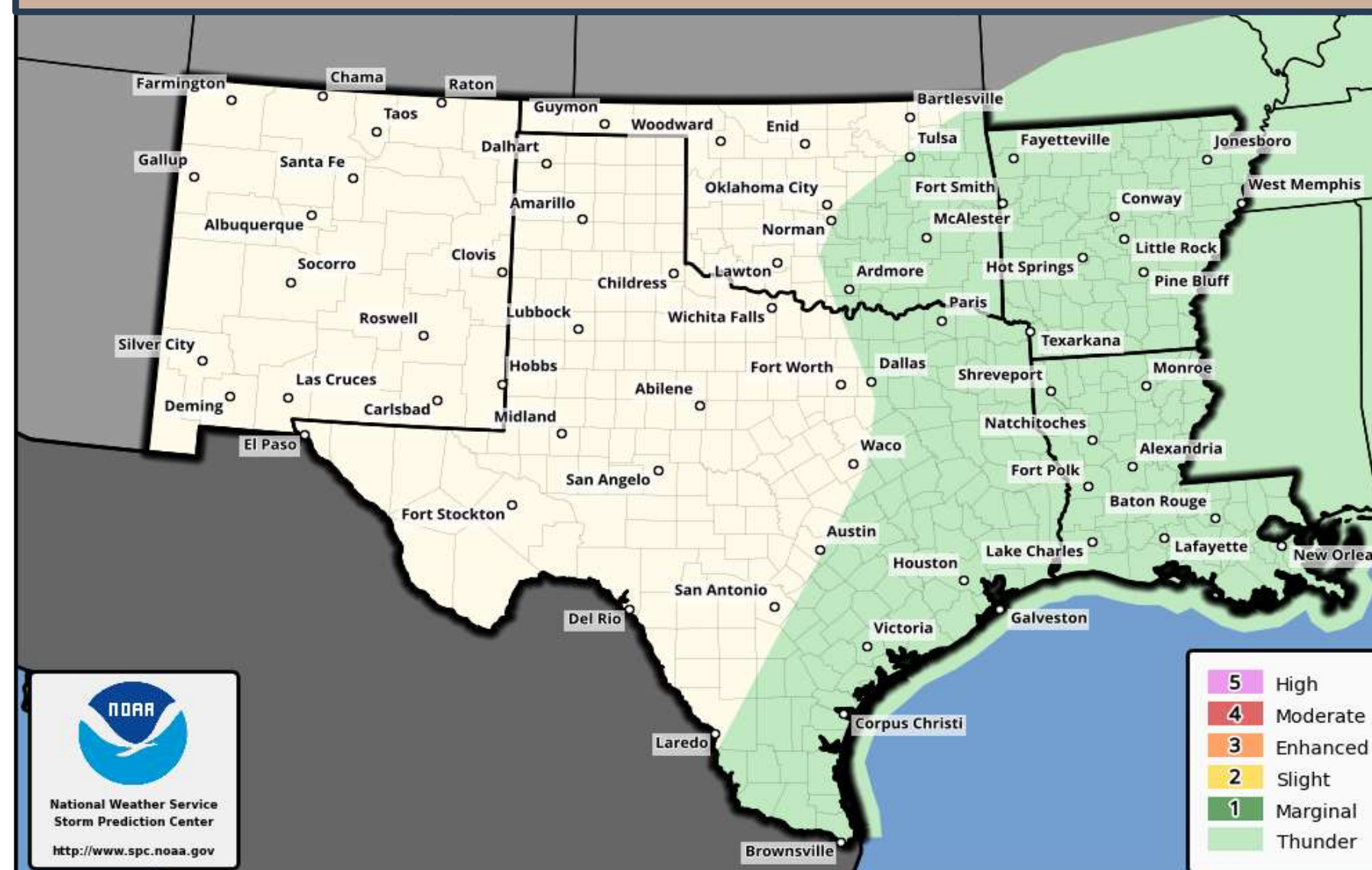
The threat slightly decreases and moves eastward by Sunday afternoon; focus area shifts to AR and into the ArkLaTex.

River Flooding will continue across portions of TX and OK. River Flooding will also be possible for AR.



Severe Weather Outlook

Excessive Rainfall Outlook



Monday's Weather



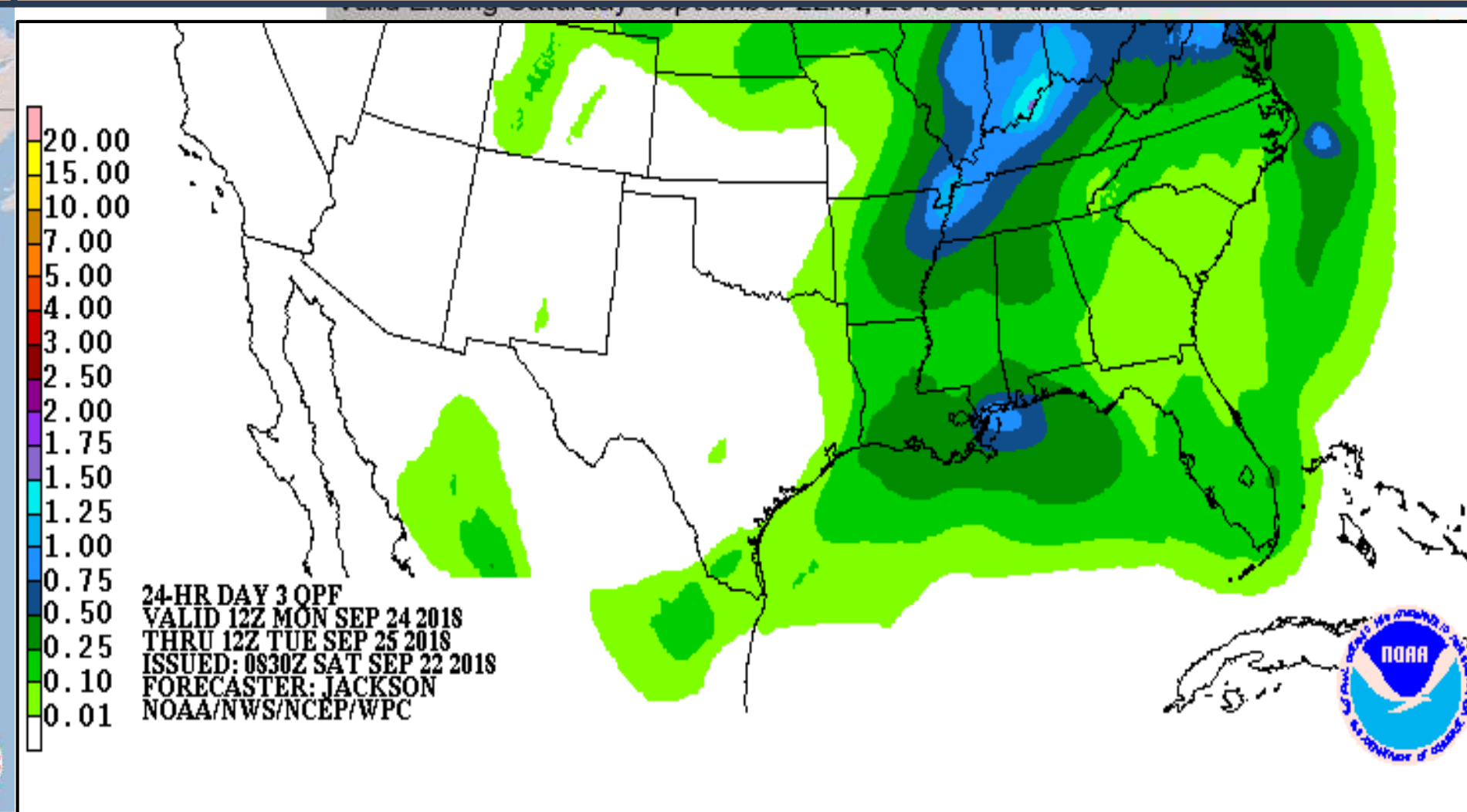
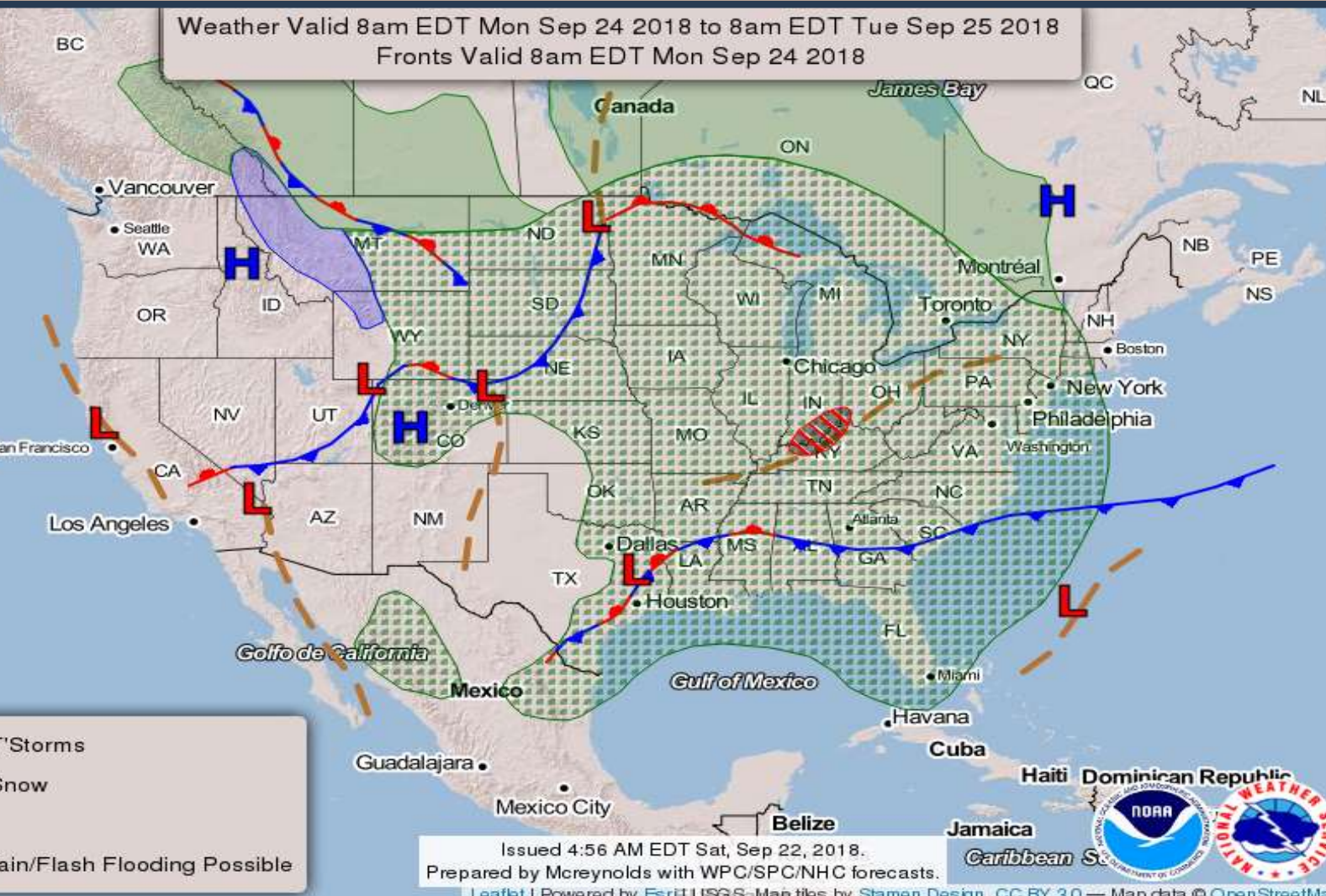
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Forecast Chart

Forecast Rainfall

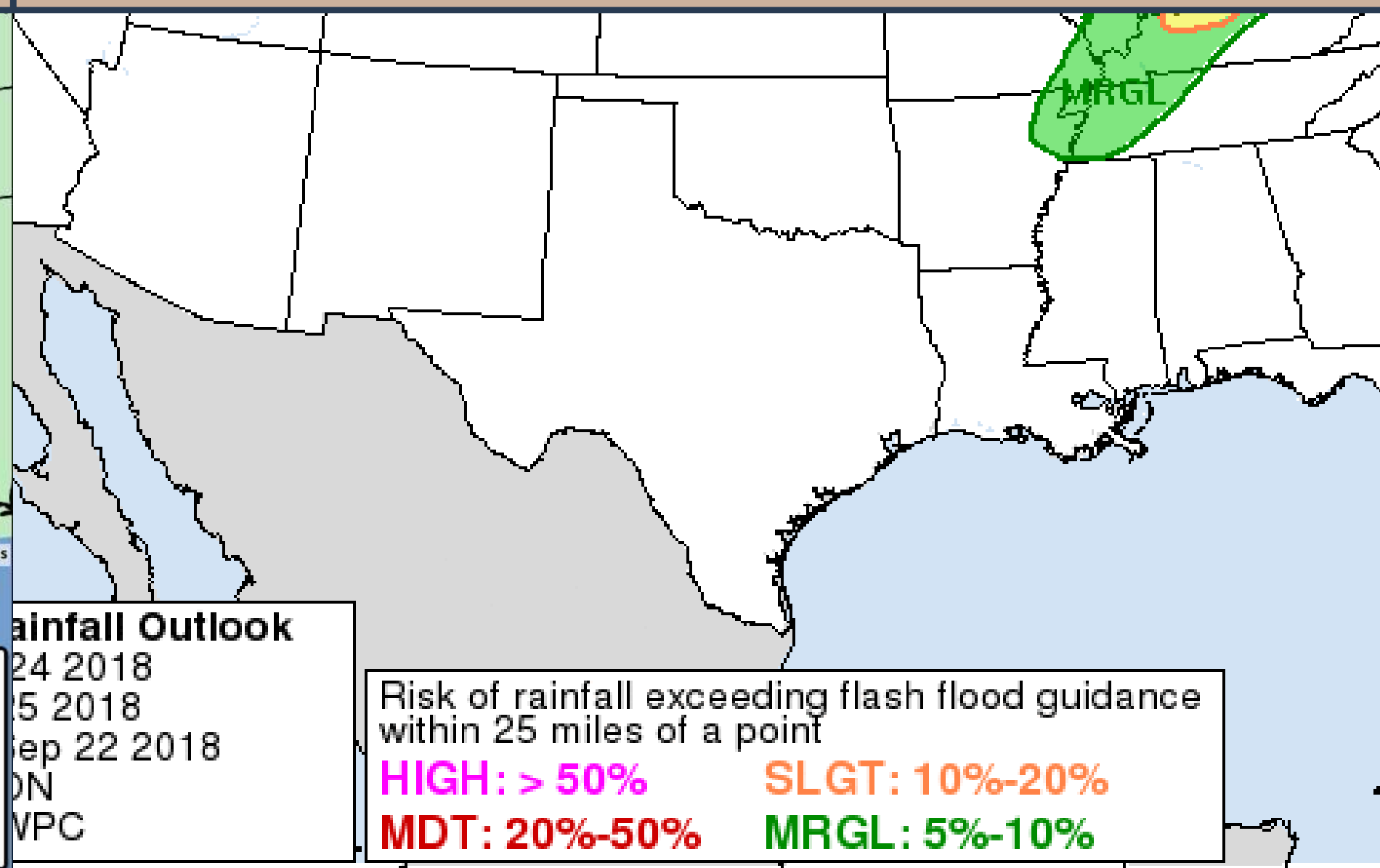
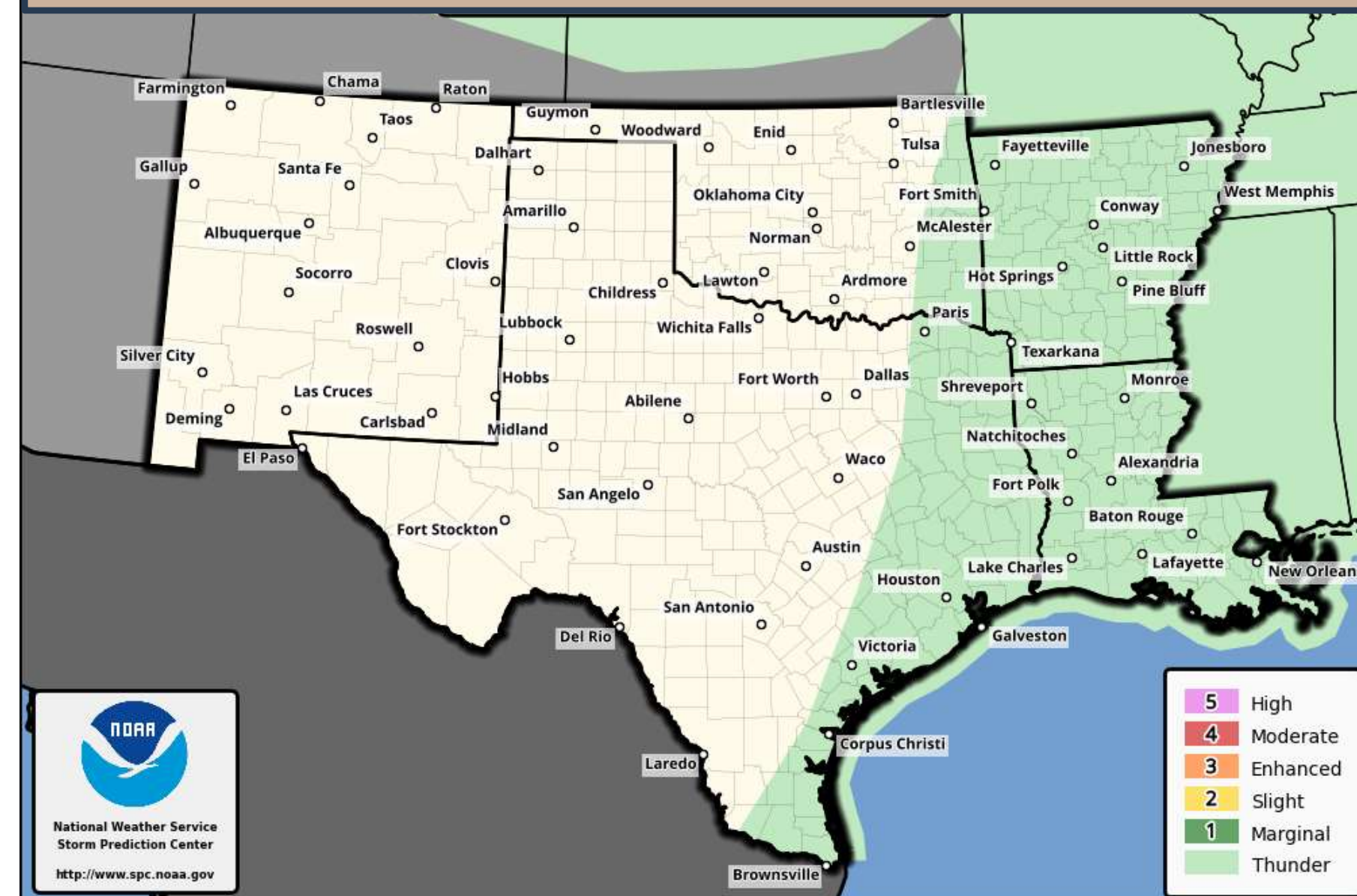
Areas of heavy rain/
flash flooding for NE AR
early.

River flooding continues over
OK, TX and AR.



Severe Weather Outlook

Excessive Rainfall Outlook

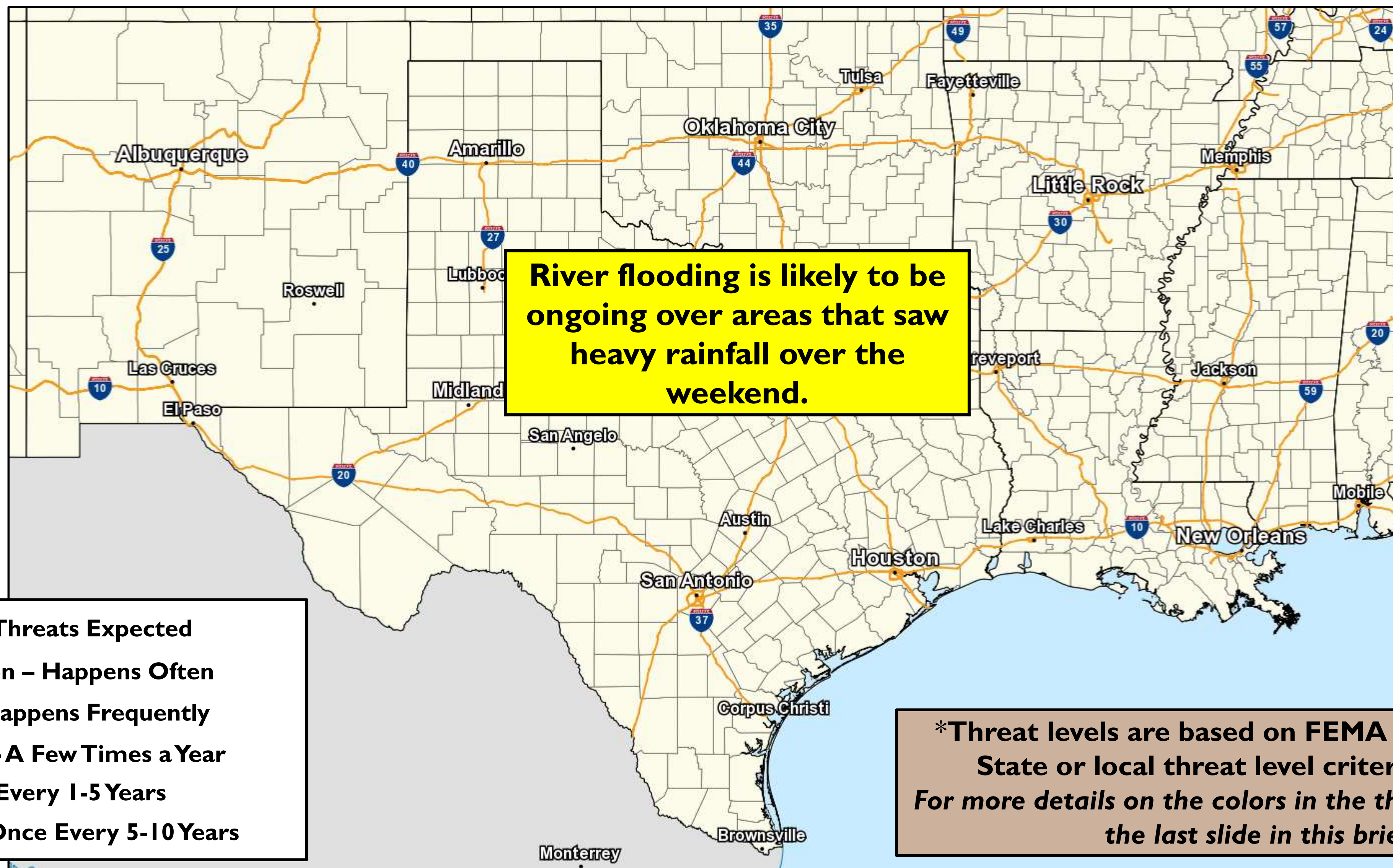


Days 4-5 Weather Hazards

Tuesday - Wednesday



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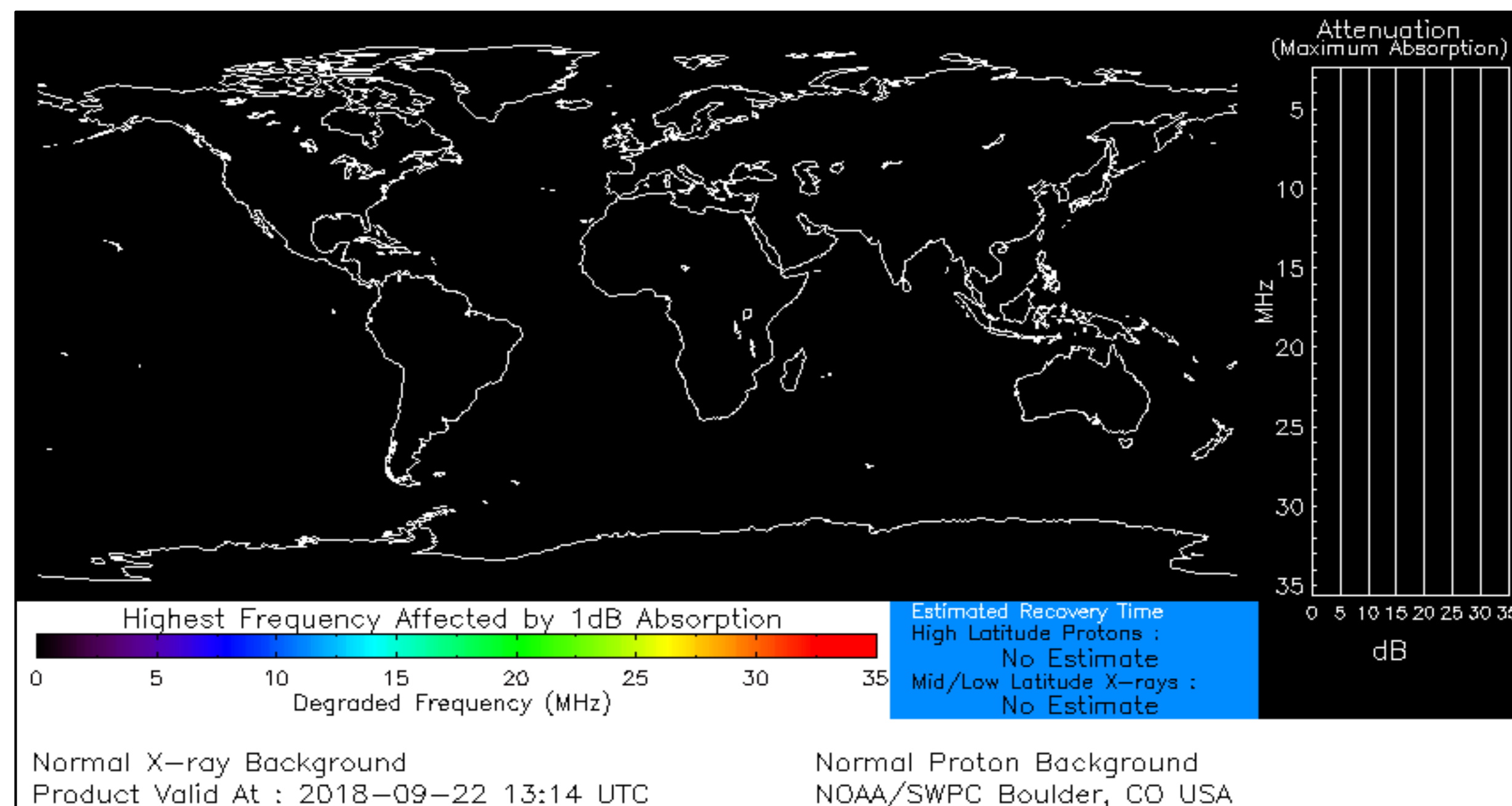


Space Weather 3-Day Forecast



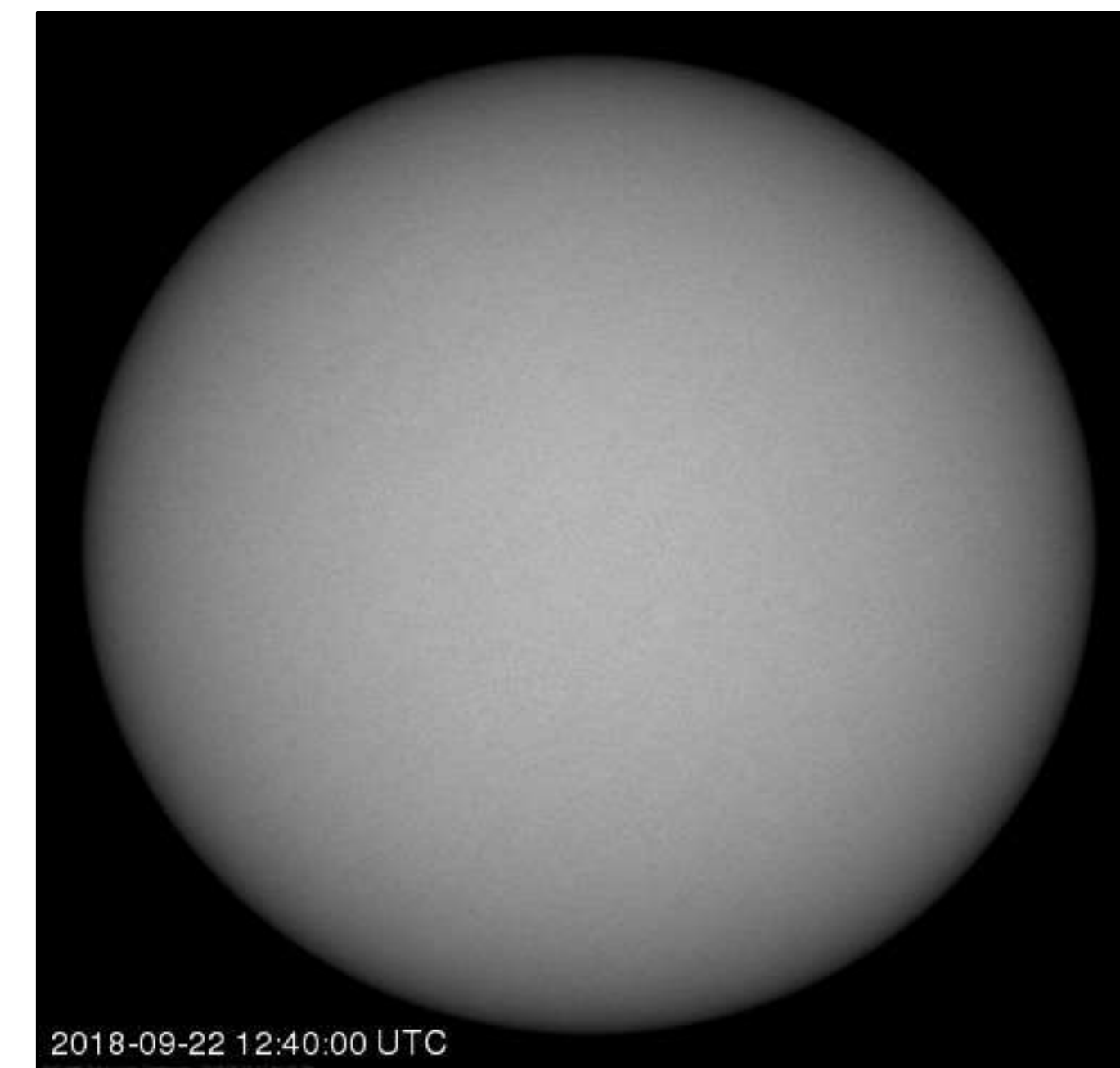
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	Saturday	Sunday	Monday
Geomagnetic Storms	Minor (G1) Storm (Max Kp = 5)	Minor (G1) Storm (Max Kp = 5)	Unsettled to Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov